The NEED for Change System Planning





Happy Thursday



Good ol' Days





California Government Code 65086

"The Department of Transportation, in consultation with transportation planning agencies, county transportation commissions, counties, and cities, shall carry out **long-term** State Highway System planning to identify future highway improvements."



Background & History

1973 - AB 69

 Department of Transportation 2006 – AB 32 & Proposition 1B Global Warming Solutions Act

CSMP

1975 – Planning Planner Classification is Established

2007 – 10 Year SHOPP Mid Range Plan for Highway Maintenance and Operations

1977 - CTC

Long Range Planning, RTPs

• 5-Yr TIP, RCRs coming soon

2008 - SB 375

 Greenhouse Gas Reduction

1989 Blueprint 1990 Prop 111 Split STIP & SHOPP, New CMAs

TCR (Multimodal)

2014/15 - New Mission, Vision and Goals StrategicManagement Plan

1997 – SB 45

- Local Control of STIP \$\$
- 75/25 Split, ITIP [≈ 02-06 TCCR]

2015 – SHOPP Asset Management

- Sustainability,
- Complete Streets, Bikes, and Peds



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Interstate 5 Route Concept Report



Rethinking Long Range Planning (Evolution)

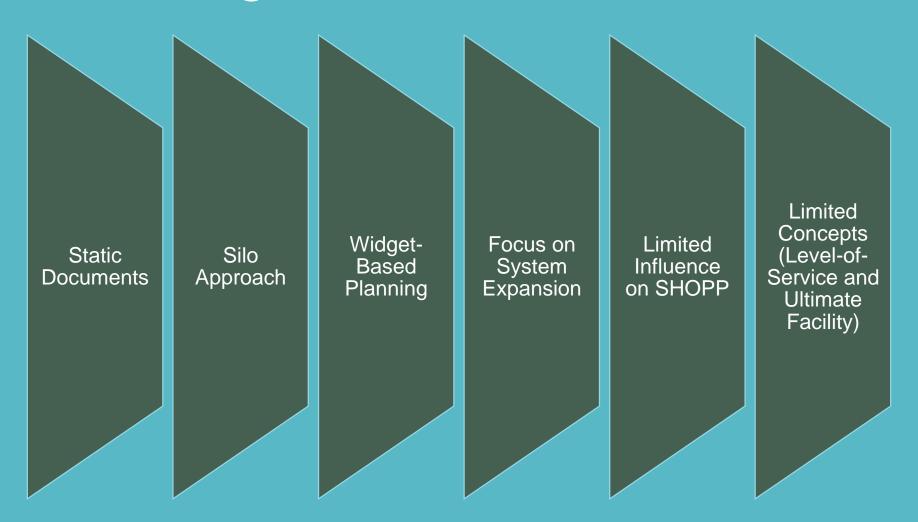
Route Concept Report (RCR) Transportation Concept Report (TCR) Transportation
Corridor
Concept
Report (TCCR)

Corridor System Management Plan (CSMP) – Prop. 1B

Strategic Management, Sustainability, ICM



Challenges





System Expansion





The Need for Change

Planning Forward

Asset Management

System Planning to Programming (SP2P)

Project Nomination

Planning for Ops

Complete Streets

System Planning Revamp

Climate Change

Caltrans Strategic Management Plan

CTP 2040

Complete Transportation Framework



Process Re-imaged

Concepts

Smart Mobility

Freight

System Completion

Environmental

System Management / Operational Analysis and Coordination

Concepts / Deficiencies / Needs Defined & Analyzed

Performance

Program Coordination

MOVA Multi-Objective Vision Analysis **NEEDS**

Defined / Prioritized / Parked

Also know as a Satellite Need

Data requirements for a need equal that of a project (e.g. Location, Cost, Performance)

GIS Platform

Digitally Defined

Project Nomination

MODA

Multi-Objective
Decision Analysis

Anchor Need plus Satellite Needs

Pre-PID Project Nomination Teams Portfolio

A Prioritized list of Projects ready for PID Development

Concept

PID

Project Development



The Rules have Changed

Senate Bill 1



Past





Present





Vision/Concept/Plan

Short | Medium | Long Range

Smart Mobility

- Complete Streets
- Active Transportation
- Bicycle
- Pedestrian
- Transit Connectivity
- Park and Ride

Freight

- Truck
- Rail
- Shipping
- Air
- Logistics Analysis

System Completion

- STIP
- ITSP
- Capacity Increasing
- Managed Lanes
- Bottle Neck
- Local Measure Funding
- Roundabout

Environmental

- Fish Passage
- Wildlife Crossings
- Advanced Mitigation
- ADA
- Climate Change
- Coastal

System Management / Operations

- State Highway System Management Plan (SHSMP)
- Integrated Corridor Management (ICM)
- Corridor System
 Management Plan
 (CSMP)

Performance Measured



Flexible



Dynamic



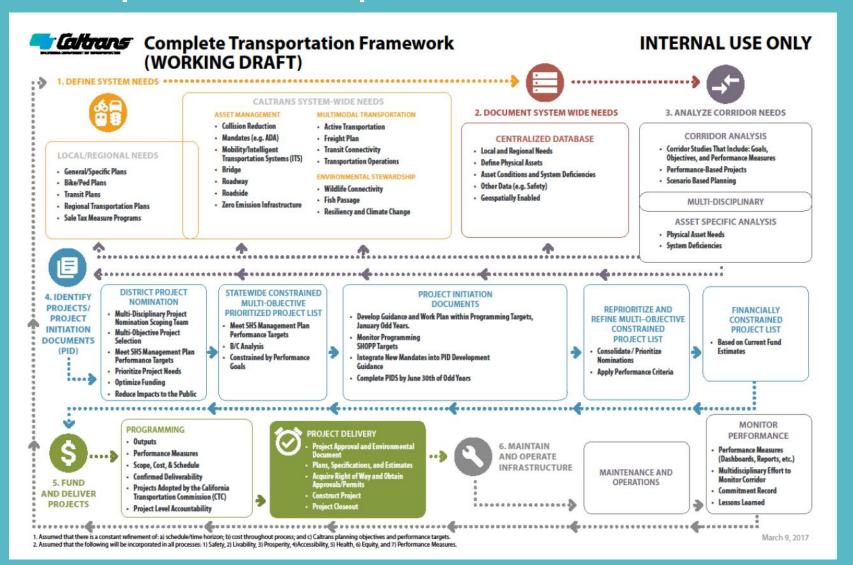
Multi-Modal System Planning







Complete Transportation Framework





Multi-Modal System Planning Division of Transportation Planning





Wrap-Up

Questions?

